

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

DROP-ON-DEMAND INK-JET PRINTING HEAD

which application is:

☒ the attached application  
(for original application)

☐ application Serial No. \_\_\_\_\_  
filed \_\_\_\_\_, and amended on \_\_\_\_\_

(for declaration not accompanying application)

that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above: that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application under 37 C.F.R. 1.56(a), i.e., such information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent: that I hereby claim foreign priority benefits under Title 35, United States Code §119, §172 or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Application Number	Country	Filing Date	Priority Claimed (yes or no)
P. Hei. 2-4074	Japan	February 23, 1990	Yes
P. Hei. 2-337278	Japan	November 30, 1990	Yes

I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any material information under 37 C.F.R. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
------------------------	-------------	--

I hereby appoint John H. Mion, Reg. No. 18,879, Donald E. Zinn, Reg. No. 19,046, Thomas J. Macpeak, Reg. No. 19,292, Robert J. Seas, Jr., Reg. No. 21,092, Darryl Mexic, Reg. No. 23,063, Robert V. Sloan, Reg. No. 22,775, Peter D. Olxy, Reg. No. 24,513, J. Frank Osha, Reg. No. 24,625, Waddell A. Biggart, Reg. No. 24,861, Robert G. McMorrow, Reg. No. 19,093, Louis Gubinsky, Reg. No. 24,835, Neil B. Siegel, Reg. No. 25,200, David J. Cushing, Reg. No. 28,703, John R. Inge, Reg. No. 26,916, Joseph J. Ruch, Jr., Reg. No. 26,577, Sheldon I. Landsman, Reg. No. 25,430, Richard C. Turner, Reg. No. 29,710, Howard L. Bernstein, Reg. No. 25,665, and Alan J. Kasper, Reg. No. 25,426, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date February 13, 1991 First Inventor Minoru --- Usui  
First Name Middle Initial Last Name  
Residence Nagano, Signature Minoru Usui  
Japan Post Office Address c/o SEIKO EPSON CORPORATION, 3-5, Owa  
Citizenship Japan 3-chome, Suwa-shi, Nagano, Japan

Date February 13, 1991 Second Inventor Haruhiko --- Koto  
First Name Middle Initial Last Name  
Residence Nagano, Signature Haruhiko Koto  
Japan Post Office Address c/o SEIKO EPSON CORPORATION, 3-5, Owa  
Citizenship Japan 3-chome, Suwa-shi, Nagano, Japan

Date February 13, 1991 Third Inventor Haruo --- Nakamura  
First Name Middle Initial Last Name  
Residence Nagano, Signature Haruo Nakamura  
Japan Post Office Address c/o SEIKO EPSON CORPORATION, 3-5, Owa  
Japan 3-chome, Suwa-shi, Nagano, Japan  
Citizenship Japan

Date February 13, 1991 Fourth Inventor Yozo --- Shimada  
First Name Middle Initial Last Name  
Residence Nagano, Signature Yozo Shimada  
Japan Post Office Address c/o SEIKO EPSON CORPORATION, 3-5, Owa  
Japan 3-chome, Suwa-shi, Nagano, Japan  
Citizenship Japan

Date February 13, 1991 Fifth Inventor Tomoaki --- Abe  
First Name Middle Initial Last Name  
Residence Nagano, Signature Tomoaki Abe  
Japan Post Office Address c/o SEIKO EPSON CORPORATION, 3-5, Owa  
Japan 3-chome, Suwa-shi, Nagano, Japan  
Citizenship Japan

Date \_\_\_\_\_ Sixth Inventor \_\_\_\_\_  
First Name Middle Initial Last Name  
Residence \_\_\_\_\_ Signature \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
Citizenship \_\_\_\_\_

Date \_\_\_\_\_ Seventh Inventor \_\_\_\_\_  
First Name Middle Initial Last Name  
Residence \_\_\_\_\_ Signature \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
Citizenship \_\_\_\_\_

Date \_\_\_\_\_ Eighth Inventor \_\_\_\_\_  
First Name Middle Initial Last Name  
Residence \_\_\_\_\_ Signature \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
Citizenship \_\_\_\_\_

Date \_\_\_\_\_ Ninth Inventor \_\_\_\_\_  
First Name Middle Initial Last Name  
Residence \_\_\_\_\_ Signature \_\_\_\_\_  
Post Office Address \_\_\_\_\_  
Citizenship \_\_\_\_\_